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**In The Abstract**

The invention relates to metastasis inducing DNA's, a method of identifying such DNA's and their use in diagnosis and therapy. It includes a method of screening and recovering met-DNA comprising the steps of: (i) transferring fragments of human DNA from malignant, metastatic cancer cells into a cell line that produces only benign, non-metastasizing tumours when injected into a syngeneic animal; (ii) injecting the transformed cells into the syngeneic animal; (iii) selecting those animals in which metastasizing tumours have been identified; and (iv) recovering the met-DNA therefrom.